

BGA glider data sheet - DG 202-17C (Carbon fibre version)

See separate sheet for Glass fibre versions (DG 200/202-15 & 17)

Data source: Manufacturer's flight & maintenance manuals updated with TN 323-15

Manufacturer: Glaser-Dirks Flugzeugbau GmbH

Web site dgflugzeugbau.de

UK Agent: Bob McLean

Phone: 01904 738653

Fax: 01904 738146

Link to mandatory mods: <http://www.dg-flugzeugbau.de/tech-mitteilungen-e.html>

Weighing Data:

		Kg	Pounds
Max weight with water	15M	480	1058
	17M	450	992
Max weight of non lifting components	15M	240	529
	17M	236	520
BGA concession non-aerobatic max weight of non lifting components [+5%]	15M	252	555
	17M	248	546
Max pilot weight (seat load)		110	242
Max weight in baggage compartment		15	33
		mm	Inches
Forward C of G limit (aft of datum)		230	9.06
Aft C of G limit (aft of datum)		385	15.16
Pilot position (forward of datum)		560-580	22-23

Control deflections in mm

	Up	Down	Distance - hinge to measuring point
Ailerons	42±3	21±3	123
Elevator	57±1	48±1	150
Flap±12°	30±3	30±3	145
Rudder	Left & right 243±10		460
Controls max free play (controls central)			
Aileron 2mm total with other aileron fixed.			
Flap 3mm total with other flap fixed.			
With one aileron fixed 3mm total at top of stick.			
With elevator fixed 3mm total at top of stick.			
Rudder vertical play 0,5mm.			

Longitudinal datum: Wing root LE

Horizontal datum: Top of rear fuselage 1000:36.7 rear down

The maximum dry weight limit was effectively removed by TN 323-15 which redefined the max dry weight as the max weight of the non lifting components (including pilot) + the weight of the wings.

Maximum speeds

	Knots	Kph
VNE	146	270
Rough air	103	190
Manoeuvre	103	190
Aerotow	103	190

	Knots	Kph
Winch / auto tow	70	130
U/C down	103	190
Flaps +4 & +8	103	190
Landing flap	80	150

VNE at altitude	Knots	Kph
0-6600 feet	146	270
6600-10 000	138	256
10 000-13 000	131	243
13 000-16 000	124	230
16 000-20 000	117	218

Max winch weak link: 600 Kg (Tost blue)

Tyre pressure: Main 42 psi (3 bar), rear 28 psi (2 bar)

Semi aerobatic only in 15 meter span without water only. Cloud flying permitted.

With a standard 2.2 Kg weight on the right of the panel, min cockpit weight is reduced 3.6 Kg (8 lb).

Span 15 or 17 meters

This sheet compiled by: Tim Macfadyen

Date: 11 Feb 2008